

CSB-F

<i>E. bruneus</i>	ATAGTAGAATAGACT	<b>GCACAGTAAGAACCTACCAA</b>	CTAGACTTAAAGTAA----	TGCATA
<i>E. moara</i>	ATAACA-AATAAAC	<b>GCACAGTAAGAACCTACCAA</b>	CAAGAGTTAAGTAA----	TGCATA
<i>C. sonnerati</i>	TTCTTCAATAGAA	<b>GCACAGTAAGAACCTACCAT</b>	CAGTTGATATCTCA----	ATGCCCA
<i>E. epistictus</i>	A--ATCAAATAGCA	<b>GCACAGTAAGAACCGACCAA</b>	TAAGTTATTTCTTA----	ATGAACT
<i>E. fuscoguttatus</i>	G--AACAAATAGCC	<b>GCACAGTAAGAACCTACCAA</b>	CCAGTAACAGGCTA----	ATGCATA
<i>A. leucogrammicus</i>	A--AACAAATAGAA	<b>GCACAGTAAGAACCTACCAA</b>	CCAGCTGTAAGA-A----	GCGCATA
<i>E. awoara</i>	AAATTAACACGCA	<b>GCACAGTAAGAACCGACCAA</b>	CAGTTGATTACTTA----	ATGCATG
<i>E. akaara</i>	ATATCAAACAATCA	<b>GCACAGTAAGAACCTAGCAA</b>	TAATTTATTACTTA----	ATGCATG
<i>V. albimarginata</i>	TATCTCAGTAACTG	<b>GCACAGTAAGAACCTACCAA</b>	CCCTGTGATTTCTGA----	ATGCATC
<i>V. louti</i>	AAACCCAACAACC	<b>GCACAGTAAGAACCTACCAA</b>	CTTATGATTTCTTA----	ATGCATC
<i>C. altivelis</i>	AGGACAAATAAA-A	<b>GCACAGTAAGAACCTACCTA</b>	TAAGTGATATCTTA----	ATGCATG
<i>E. areolatus</i>	ACTCAAATA-TTAT	<b>GCACAGTAAGAACCGACCAA</b>	CCAATAGTTCCA-----	GCGCATA
<i>T. dermopterus</i>	CAATTAATA-TAA	<b>GCACAGTAAGAACCTACCAA</b>	CCAGTGATTTCTAAAAT	CGTGCATA
<i>E. coioidus</i>	TAATTGTAATGATT	<b>GCACAGTAAGAACCTACCAA</b>	CTAGTA-----	TAAAGTAATGCATA
<i>A. rogia</i>	T-----GATTG--	<b>ATCCGAATAAAGGTTATAA</b>	ATTGCAGC-----	CATT
<i>E. lanceolatus</i>	A-----AACTATAA	<b>GCACAGTAAGAACCTACCAA</b>	CCAGCACCATGACAAA--	GCATACG
<i>E. trimaculatus</i>	C--TTCAAATATAA	<b>GCACAGTAAGAACCGACCAA</b>	TTATTGATAACTTA----	ATGCAAG
<i>P. leopardus</i>	AA-----ACCAAAG	<b>ATGCAGTAAGAACCGAGCAA</b>	CAAAATGATTTCTTA----	AGGCTAA
<i>P. areolatus</i>	AG-----AATTAAC	<b>ATGCAGTAAGAACCGACCTA</b>	CAGGTGATATCTAA----	ATCCTAA
<i>E. octofasciatus</i>	AAT--CAAATAGAT	<b>GCACAGTAAGAACCGATCAA</b>	CGGATGATTTCTTA----	ATACATA
<i>E. septemfasciatus</i>	AAT--CAAATAGACT	<b>GCACAGTAAGAACCGACCAA</b>	CAAAATGATTTCTTA----	ATACATA

\*\*\*\*\* \*

CSB-E

<i>E. bruneus</i>	CGGTT-ATTGATAGTGAGG	<b>GACAATAATT-GTGGGGGT</b>	FTCACTTATTGAAC	<b>TATTCCTG</b>
<i>E. moara</i>	CGGTT-ATTGATAATGAGG	<b>GACAATAACT-GTGAGGGT</b>	CCCACTCAGTGAAT	<b>TATTCCTG</b>
<i>C. sonnerati</i>	CGGTTAT-TGAAGGTGAGG	<b>GACAATTATTTGTGGGGGT</b>	FTCACAACCTGAAT	<b>TATTCCTG</b>
<i>E. epistictus</i>	CTCTTATATGAAGGTGAGG	<b>GACAATAATT-GTGAGGGT</b>	FTCACTTAGTGAAT	<b>TATTCCTG</b>
<i>E. fuscoguttatus</i>	CGGTTAT-TGATAATGGCA	<b>GACAATAATT-GTGAGGGT</b>	FTCACTTAGTGAAT	<b>TATTCCTG</b>
<i>A. leucogrammicus</i>	TTATTAT-TGATAGTGATG	<b>GACAATAACT-GTGGGGGT</b>	FTCACTTAGTGAAC	<b>TATTCCTG</b>
<i>E. awoara</i>	A-ACTTATTGAAGGTGAGG	<b>GACAATAATT-GTGAGGGT</b>	FTATCATAGTGAAC	<b>TATTCCTG</b>
<i>E. akaara</i>	A-ACTTATTGAAGGTGAGA	<b>GACAATAATT-GTGGGGGT</b>	FTCTCATAGTGAAT	<b>TATTCCTG</b>
<i>V. albimarginata</i>	CGACT-ATTGAAGGTGAGG	<b>GACAAC TATT-GTGGGGGT</b>	FTCACTTAGTGCAC	<b>TATTCCTG</b>
<i>V. louti</i>	CTACT-ATTGAAGGTGAGA	<b>GACAATAACT-GTGGGGGT</b>	FTCACTTAGTGCAC	<b>TATTCCTG</b>
<i>C. altivelis</i>	ATACTTATTGATAATGGCC	<b>GACAACAATT-GTGGGGGT</b>	FTCACAGTATGAAT	<b>TATTCCTG</b>
<i>E. areolatus</i>	ATATG-ATTGAAGGTGAGG	<b>GACAATAATT-GTGGGGGT</b>	FTCACACAGTGAAT	<b>TATTCCTG</b>
<i>T. dermopterus</i>	CTCTT-ATTGAAAATGATG	<b>GACAAAAATC-GTGAGGGT</b>	FTCACTTCTTGAAT	<b>TATTCCTG</b>
<i>E. coioidus</i>	CGGTTATTGATGGTCAAC	<b>GACAGTAATT-GTGGGGGT</b>	FTCACGTAATGAAC	<b>TATTCCTG</b>
<i>A. rogia</i>	T---CAACTGAAAATGTTG	<b>G-CAATTAAT-G-AAGGGT</b>	FGCTGTAACCTCAT	<b>TATTCCTG</b>
<i>E. lanceolatus</i>	G---TTATTGATAATGATA	<b>GACAATTACT-GTGGGGGT</b>	FTCACTTAGTGAAC	<b>TATTCCTG</b>
<i>E. trimaculatus</i>	A-ACTGATTGAGGGTCAGG	<b>GACAAAAATC-GTGGGGGT</b>	FTCCACACAGTGAAT	<b>TATTCCTG</b>
<i>P. leopardus</i>	CAATT-ATTGAAAATGAGG	<b>GGCAATTTCTAGTGGGGGT</b>	CGCACA-ATTGCAC	<b>TATTCCTG</b>
<i>P. areolatus</i>	CTCTT-CTTGAAGGTGAGG	<b>GACAATTTAGTGGGGGT</b>	CGCACA-ACTGCAT	<b>TATTCCTG</b>
<i>E. octofasciatus</i>	CTCTT-ATTGAGGTGAGG	<b>GACAAGAAATGTGGGGGT</b>	FTCACTCAGTGAAC	<b>TATTCCTG</b>
<i>E. septemfasciatus</i>	CTCTT-ATTGAGGTGAGG	<b>GACAAGATACTGTGAGGGT</b>	FTCACTTAAATGAAT	<b>TATTCCTG</b>

\* \*

\* \*\*\* \*

\*\*\*\*\*

\*

\*\*\*\*\*

CSB-D

<i>E. bruneus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAAC--CTGATAACATT	CCTCACA	<b>CTT-TCATTGA</b>	
<i>E. moara</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TGAC--TTGATTATATT	CCTCACA	<b>CTT-TCATTGA</b>	
<i>C. sonnerati</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	CGAA--TTGAT-TTATT	CCTTCCA	<b>CTT-TCATTGA</b>	
<i>E. epistictus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAA--TTGATATTACT	CCTCATA	<b>CTT-TCATTGA</b>	
<i>E. fuscoguttatus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAA--TTGGC--AACT	CCTCAT	<b>TATATTATTTA</b>	
<i>A. leucogrammicus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TATA--TAGAC-ATATT	CCTCACA	<b>CTT-TCATTGA</b>	
<i>E. awoara</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAA--TATCAACATT	TCCCCAT	<b>GAAT-TGATCGA</b>	
<i>E. akaara</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAA--T-CTAATTTCT	CCCCACA	<b>GAT-TTATTGA</b>	
<i>V. albimarginata</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAA--TTGATAATCGT	CCACAT	<b>CTT-TCATTGA</b>	
<i>V. louti</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TGAA--TTGATT-TCAT	CCTCAT	<b>CTT-TC- TTGA</b>	
<i>C. altivelis</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TGGA--ATGAT--TTA	ACCTCAT	<b>ATT-TTATTGA</b>	
<i>E. areolatus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAA--CTGACAAT-TT	CCCCACA	<b>CAT-TTATTGA</b>	
<i>T. dermopterus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAA--TTGATATTACT	CCTCATA	<b>CTT-CCATTGA</b>	
<i>E. coioidus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TGTA--TCGAAAT-ATT	TACACA	<b>CTT-TCATTGG</b>	
<i>A. rogia</i>	<b>GCATTTGGTTCCTAAGTCAGGTCCA</b>	TAAAGTTAATGG-ACCT	TATAA	<b>AGT-TAGTTTG</b>	
<i>E. lanceolatus</i>	<b>GCATTTGGTTCCTACTTCAGGGTCA</b>	TAAA--TTGATATTATT	CCTCACA	<b>CTT-TCATTGA</b>	
<i>E. trimaculatus</i>	<b>GCATTTGGTTCCTACTTCAGGGTCA</b>	TAAA--TATTCTTGAT	TCTCATA	<b>ATACCTATCGA</b>	
<i>P. leopardus</i>	<b>ACATCTGGTTCCTACTTCAGGGCCA</b>	TAAAGCATTAAATA--	A-TACTCTTA	<b>CTT-TCATTGA</b>	
<i>P. areolatus</i>	<b>ACATCTGGTTCCTACTTCAGGTCCA</b>	TGATAATT	CATA--ACT	CCCCCA	<b>CTT-TCATTGA</b>
<i>E. octofasciatus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TGACTTGATATT--	ATTCTTACA	<b>CTT-TCATTGA</b>	
<i>E. septemfasciatus</i>	<b>GCATTTGGTTCCTACTTCAGGGCCA</b>	TAAATTGATATT--	ACTCTCACA	<b>CTT-TCATTGA</b>	

\*\*\* \*\*\*\*\* \*\* \*\*\*\*\* \*

\*

\*

	CSB-C		CSB-B	
<i>E. bruneus</i>	<b>CGCTG--ACATAAGTTAATG</b>	ATGTTAAC--	<b>CATTAGA-TTCGTTA--CCCA</b>	GCAAGCCGG
<i>E. moara</i>	<b>CGCTG--GCATAAGTTAATA</b>	GTGTTAAC--	<b>CATTAGG-TTCATTA--CCCA</b>	GCAAGCCGA
<i>C. sonnerati</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGGTAAT--	<b>CATTCTGA-CTCGTTA--CCCA</b>	CCAAGCCGA
<i>E. epistictus</i>	<b>CGCT--TACATAAGTTGATG</b>	GTGGTAAT--	<b>CATTCTGA-CTCGTTA--CCCA</b>	GCAAGCCGA
<i>E. fuscoguttatus</i>	<b>CACT--TGCATAAGTTAATA</b>	GTGTTCGAC--	<b>CATTAAACTCGTTA--CCCA</b>	CAAGCCGA
<i>A. leucogrammicus</i>	<b>CGCT--TACATAAGTTAATG</b>	GTGTTCGAT--	<b>CATTAGA-CTCGTTA--CCCA</b>	CCAAGCCGA
<i>E. awoara</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGGTAAT--	<b>CATTCTGA-CTCGTTA--CCCA</b>	GCAAGCCGA
<i>E. akaara</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGGAAAT--	<b>CATTTAA-CTCGTTA--CCCA</b>	GCAAGCCGA
<i>V. albimarginata</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGTTAAT--	<b>CATACGA-CTCGTTA--CCCA</b>	GCTAGCCGG
<i>V. louti</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGTTAAT--	<b>CATACGA-CTCGTTA--CCCA</b>	ACTAGCCGG
<i>C. altivelis</i>	<b>AACT---GCATAAGTTAATG</b>	CTGTTAAC--	<b>CATTCAA-CTCGTTA--CCCA</b>	GCAAGCCGA
<i>E. areolatus</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGTTAATA--	<b>CATACGA-CTCGTTA--CCCA</b>	GCAAGCCGG
<i>T. dermopterus</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGTTAAC--	<b>CATGAAA-TCCGTTA--CCCA</b>	CAAGCCGA
<i>E. coioidus</i>	<b>CCCT--TGCATAAGTTAATG</b>	CTGTTAATA--	<b>CATCAA-CCCGTTA--CCCA</b>	CATGCCGA
<i>A. rogia</i>	<b>CAAT--TGCATAGTTAATG</b>	GTGGCAAC--	<b>CATTCTAG-TTTAATAAATTG</b>	GCAAGCCGA
<i>E. lanceolatus</i>	<b>CCCTGGTGCATAAGTTAATA</b>	GTGTTAACGG	<b>CATTAAA-CTCGTTA--CCCA</b>	GCAAGCCGA
<i>E. trimaculatus</i>	<b>CGCT--TGCATAAGTGAATG</b>	GTGATAAT--	<b>AATATGA-TTCGTTA--CCCA</b>	CAAGCCGA
<i>P. leopardus</i>	<b>CGCTGG--CATAAGTTAATG</b>	SCGGCATA--	<b>CAATCTGA-CTCGTTA--CCCA</b>	CCTAGC-GA
<i>P. areolatus</i>	<b>CGCTGG--CATAAGTTAATG</b>	GTGGTGT--	<b>CAATCTGA-CTCGTTA--CCCA</b>	CCTAGC-AA
<i>E. octofasciatus</i>	<b>CGCT--TGCATAAGTTAATG</b>	GTGTCAT--	<b>CATTCTGA-CTCGTTA--CCCA</b>	GCAAGCCGA
<i>E. septemfasciatus</i>	<b>CGCT--TACATAAGTTAATA</b>	GTGTTAAT--	<b>CATTTAA-TTCATTA--CTCA</b>	GCAAGCCGA
	*      * * * * *	*	*      * *      *	*      *

	CSB-A	
<i>E. bruneus</i>	<b>TCCAGAGGGTGGGGGGTT</b>	CTCTTTTATTTCTTTTC--C
<i>E. moara</i>	<b>TCCAGAGGGTGGGGGGTT</b>	CCCTTTTATTT-TTTTC--C
<i>C. sonnerati</i>	<b>TCCAGCGGGTAAGGGGGTT</b>	CC--TTTTTCTTTTT--C
<i>E. epistictus</i>	<b>TCCAGAGTGTGGGGGGTT</b>	TC--TTTTTCTTTTT--C
<i>E. fuscoguttatus</i>	<b>TCCAGAGGGTGGGGGGTT</b>	AT--CTCTATTTTTTTTC--C
<i>A. leucogrammicus</i>	<b>TCCAGAGGGTGGGGGGTT</b>	TT--CTCTATTTTTTTTC--C
<i>E. awoara</i>	<b>TCCAGCGGGTAGGGGGTT</b>	TT--TTTTTCTTTTT--C
<i>E. akaara</i>	<b>TCCAGAGTGTAAAGGGGGTT</b>	TT--CTTTTCTTTTT--C
<i>V. albimarginata</i>	<b>TCCAGAGTGTAAAGGGGGTT</b>	TT--CCTTTTTTCTTTTT--C
<i>V. louti</i>	<b>TCCAGAGTGTAAAGGGGGTT</b>	TTCTTTTTTCTTCTTT--C
<i>C. altivelis</i>	<b>TCCAGAGGGTGGGGGGTT</b>	TC--TCTATTTTTTTTT--C
<i>E. areolatus</i>	<b>TCCAGAGTGTAAAGGGGGTT</b>	TT--TTTTTCTTTTT--C
<i>T. dermopterus</i>	<b>TCCAGAGGGTGGGGGGTT</b>	TC--TTCTTTTTTTTT--C
<i>E. coioidus</i>	<b>TCCAGAGGATAGGGGGTT</b>	GCATTTTTTCTTTTTTC--C
<i>A. rogia</i>	<b>TCCGAAGGGGCAAGTGT</b>	ATTTATTTTTTCTTTGGGGTTT
<i>E. lanceolatus</i>	<b>TCCAGAGGGTAGGGGGTT</b>	GAATCTTTTTTTTTTTTTC
<i>E. trimaculatus</i>	<b>TCCAGAGTGTAGGGGGTT</b>	CC--TCTTTTATTTTTATC
<i>P. leopardus</i>	<b>TCCAGAAGGCGGAGGGTT</b>	CTTTTCTTCTTTTTTTC--C
<i>P. areolatus</i>	<b>TCAAGAGGACAGAGGGTT</b>	CCTTTTTCTTTTTTTC--C
<i>E. octofasciatus</i>	<b>TCCAGAGGGTAGGGGGTT</b>	TTCTTTTTTTTTTTTTC--C
<i>E. septemfasciatus</i>	<b>TCCAGAGGGTAGGGGGTT</b>	TTTCTTTTTTTTCTCT--C
	* *      * *      * *      *	* *      *

<i>E. bruneus</i>	TTCAGAGTG--TAAGAAACGCT--AATGATTGTAGGTGGGACAATTACTGCTCTGTA--
<i>E. moara</i>	TTCAGAGTG--TAAGAAAAGGCTGAAAGTTGAAGGTGGTACA-TCACTTTGCAGCT--
<i>C. sonnerati</i>	TTCACAGTG--TATGTAATCT--AAAATAAAAGGTGGA-AC--ACATCCTTTGCC--
<i>E. epistictus</i>	TTCAAAGTG--TAAAAATCT--AATGAAAAAGGTGGT-ACTTACTTCTATTGTAA--
<i>E. fuscoguttatus</i>	CTCAGAGTG--TAGATAAACTTA-AAGGTTGAGGGTGGT-ATAATTAGGTATTGTT--
<i>A. leucogrammicus</i>	TTCAGAGTG--TAAGCGATCAAATAAAGTTGAAGGTGT-ACATACTATAACTACTGCA
<i>E. awoara</i>	TTCACAGTG--ATTGAAAAA-AAAACGAAGAAGGTAGAACTTCAATAACTTGGTTTT
<i>E. akaara</i>	TTCATAGTG--ATTGGAAAA-AGCAA--ATAAAGGTAGTATTAATCA-AACTTTTCA
<i>V. albimarginata</i>	TTCACAGTG--CACACAGT--ATTAACATAAAGGTGGA-ACATTTAGTCTTTGCCCTGC
<i>V. louti</i>	TTCACAGTG--CATACGAC--ATAACAATCAAGGCAGA-ACATTTAGTCTTTGCAGAA
<i>C. altivelis</i>	TTCAGAGTG--TAAGCAATCTAATAATGGCAGTGGTTCATACATTAATATGACTTGG
<i>E. areolatus</i>	TTCACAGTG--TTAGAGGCGCTAGAACTCAC-TAAGGTT-GAACATATCCCTGCTTGC
<i>T. dermopterus</i>	TTCACAGTG--TAAGAGATATAACAATGGATGTGGTATT-AAACTCTCTGTTTTAATGA
<i>E. coioidus</i>	TTCACAGTG----CAACGGTCTCAAGAAACGAAGGTGGT-ACATAACATATTTAGTAA
<i>A. rogia</i>	CTTAAAGTTGTGTTCCAGGGGTTAGAACTAATGAAGGTAGT-ATAAGACTTAAATGTATTT
<i>E. lanceolatus</i>	TTCAGAGTGA--ATTTAATTTAAAC--ATGGAAGTGGT-ACAATAGTTTATGTAATTT
<i>E. trimaculatus</i>	TTCACAGTG----TAAGAAATCAGTTTTTATTAAGGTGGT--ACATACACTTGGCTTGT
<i>P. leopardus</i>	TTCACAGTG--TAAGCCGAAATAACAGGAACAAGGTGGT--ATAAACACTTTGGATAC
<i>P. areolatus</i>	CTCACAGTG--TAGGAAAAATTAATA--ACAAGGTGGA--ACAGTATCTTTATGAAA
<i>E. octofasciatus</i>	TTCACAGTG--TAA-AGAATCTAACT--ATAAAGCTGTA--CTCATCTCTGCTCAAT
<i>E. septemfasciatus</i>	TTCACAGTG--TAAAGATCATAATA--ATAAAGGTGGT--ACTCATTTTTCTGCTCAC
	* * * * *

<i>E. bruneus</i>	-ATAAATATAAACTATGCAGGCTAGAAGAGCATTCTT--ACAGATAACTA	<b>CATAAC-TGA</b>
<i>E. moara</i>	-GAACACA-AGGTTATGCAGGCTAAAAAGACATTCTTTTAAAAATAA	<b>CATAAC-TGA</b>
<i>C. sonnerati</i>	-CCGCGTAAATGTTGTGCGTGGTGGAAAGATTTAATTTATG--AAT-TC	<b>CATAAC-TGA</b>
<i>E. epistictus</i>	-TTGCAGAATAAGTATGAATATTAGAAAGATATTCTTATAAT--AATATA	<b>CATAAT-TGA</b>
<i>E. fuscoguttatus</i>	-TTAAATAAGGTATATGTATGTTGAAAAGATATTCTTATAAG--AAT-TT	<b>CATAAC-TGA</b>
<i>A. leucogrammicus</i>	-TAGCCTATAAAAAATGTATGTTAAAAATATATTACTATAAAA--TAGTTA	<b>CATAAC-TGT</b>
<i>E. awoara</i>	AGAAGAC-ATATGTAACCATG-TTATAAAAACATTCTTATAAT--TACTTA	<b>CATAAG-TGA</b>
<i>E. akaara</i>	AATAAAT-ACGTGTGATTATG-TTAAGAAAATATTCTTATA---TATTTT	<b>CATAAC-TGA</b>
<i>V. albimarginata</i>	TTGATATGGTGGTTGTAGGTC-TTGAAAAGACATTTCATAAAA--GACTCC	<b>CATACTTTTA</b>
<i>V. louti</i>	ACCGACTAAAACTTGTAA-TC-TTCAAAGATATTAACAGAA--GACTTC	<b>CATAAGATTA</b>
<i>C. altivelis</i>	--CAAATGAAATATGTATGT--TGGGAAAATATATTTTACG--ATATTC	<b>CATACC-TGA</b>
<i>E. areolatus</i>	AACAAGT-ATGTGTATGT-TA-GAAAGGTATA-TCTTATATT--A--TTA	<b>CATAAC-TGA</b>
<i>T. dermopterus</i>	ATAAATA-ATGTGTGTAA-TA-CAAGATAATAATCTTACAAT--AAATA	<b>CATAAG-TGA</b>
<i>E. coioidus</i>	AAGTGATAGGAAAATG-CATGTTAGAAAGATATTCTT-TAA--TTAGTTT	<b>CATAAC-TGA</b>
<i>A. rogae</i>	TAGTA--AATAAGTTG-AATGGTGGTAAAGAATTTCTTATAAATTTAATTC	<b>CATGTT-TGA</b>
<i>E. lanceolatus</i>	AACAAACAGTTTAAATGTAATGTTAAAAAGATATTACTATAA---TAGTTA	<b>CATAAC-TGA</b>
<i>E. trimaculatus</i>	TACAAGCGAGGTGTAA---TGTTAGAAAGACATATCTTACTT--TACATA	<b>CATAAC-TGA</b>
<i>P. leopardus</i>	GAAGCCC-T--TAAATTAACGTTAACTAACTATAACC-GAA--GAATTA	<b>CATTAA-ATT</b>
<i>P. areolatus</i>	TAGGTAT-AGGTTCCGTTATGC-AATTAACCTACAATAAGAA--GACATA	<b>CATAAG-GGA</b>
<i>E. octofasciatus</i>	TATAAAT-TA-TATGTGTGTAA-AAAGATAATCTTATAAAAA--AAATTC	<b>CATAAG-TGA</b>
<i>E. septemfasciatus</i>	CAATAAG-AAATATATGTCGTGAAAAAGATAATCTTATAAAT-AAATTC	<b>CATAAG-TGA</b>

\*\*\*

**CSB-1**

<i>E. bruneus</i>	<b>TTTCAAGGACATAA</b> ATATGCCTATTC---TACTCAGAACACCCCGTAATGT-AGGATAC
<i>E. moara</i>	<b>TTTCAAGAACATAA</b> ATATACTTATCC---TACTCAGAGCACCCCTAATATTAGGATGA
<i>C. sonnerati</i>	<b>TTTCAAGGACATAA</b> --TTGATTGATT--TTACTCGAAAGATCTCTAAGAT--ACCCCGG
<i>E. epistictus</i>	<b>TTTCAAGGACATAA</b> --GTAATTTAATCCTTAACCAAATATCTCTAAGTTCTACCCCTT
<i>E. fuscoguttatus</i>	<b>TATCGAGGACATAA</b> --ATACTATTCATCAAAC--ATCTCCTATAAGAT--ACCC---
<i>A. leucogrammicus</i>	<b>TTTCAAGGACATAA</b> --ATACTTATTC---TACTCGAGACATCTCCTATAAAGATACCC-
<i>E. awoara</i>	<b>TATCAAGGACATAA</b> --GTAGTTGAT---TTTCTCGAAACATAACTATA-AGAATACCCG
<i>E. akaara</i>	<b>TATCATGTACATAA</b> --GTAGTTGAT---TTACTCGAAACATAACTATA-AGAATACCC
<i>V. albimarginata</i>	<b>TATCTCGAGCATAA</b> A-GTCCCTTCTA--CTACTTAGGAGAT---ATCTAAGATGCCCT
<i>V. louti</i>	<b>TATCAGGACATAA</b> T-ACACCTATTA--CTACTTGGAGAGT---ATCTAAGATGCCCT
<i>C. altivelis</i>	<b>TTTCAAGAACATAT</b> A-GCAGTTAGTA--TTGCTCGAAACACCCCTATAGATACCC
<i>E. areolatus</i>	<b>TTTCAAGGACATAA</b> --ATAATTAAT--TCACTCGAAACATATCTATAAGA--TACCC
<i>T. dermopterus</i>	<b>TTTCAAGGACATAA</b> --ATGGTTTATG--ACACTCGAAACTCCTTACATAAGACTTATACCC
<i>E. coioidus</i>	<b>TTTCAAGGGCATAA</b> T---AATTACAT--CTACTCAAAACACC-TCCTGTAAGATCCCT
<i>A. rogae</i>	<b>TTTCGTGAGCATAA</b> TTATAACTAACC--CTAGCCGAAGAATA-ACTCATAT-ATTACCC
<i>E. lanceolatus</i>	<b>TTTCAAGGACATAA</b> CATAACTTTATT--CCGCTCGAAACATCCACCTATAAGATCACCT
<i>E. trimaculatus</i>	<b>TTTCACGAAACATAA</b> -----GTAATA--TAACTCGAAACATATCTATAAGATATACCC-
<i>P. leopardus</i>	<b>CTTTGATA-CATAT</b> -----TCGTAACAAAATAAATCGAAAA--ATTTGCTTTTAA-CTGAAT
<i>P. areolatus</i>	<b>TTTCGAGAACATAA</b> A--TTATAGCAAAGTAA-TCGAAAA--ATTTAACTTAA-CTGATG
<i>E. octofasciatus</i>	<b>TTTCAAGGACATAA</b> A--TGAT--TTATTTTACTCGAAAC--TTCT---CTA-----TA
<i>E. septemfasciatus</i>	<b>TTTCAAGGACATAA</b> A--TAAT--TTATTTTACTCGAAACTTATCTACAAGTAATACCCCA

\* \*\*\*\*

**CSB-2**

<i>E. bruneus</i>	CC--CCGGAGGATTATTATCCATT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATT
<i>E. moara</i>	CCG-GTCTGGTGGTTTTTATCCGTT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATT
<i>C. sonnerati</i>	-----GGGTTTTTTTCTCCT <b>TAAACCCCC--TACCCCC</b> TAAACTCCTGAAGTA
<i>E. epistictus</i>	CCACC-----AAGGTTTTTTTTCGT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAAGTC
<i>E. fuscoguttatus</i>	-----GGGTTTTTGTTCGT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATC
<i>A. leucogrammicus</i>	-----GGGTTTTTGTCCGT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTAAGATC
<i>E. awoara</i>	-----GGGGTTTTTCTCGT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATC
<i>E. akaara</i>	-----GGGGTTTTTCTCGT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATC
<i>V. albimarginata</i>	-----GGTTTTTCTTCGCG <b>TAAACCCCCCTACCCCC</b> CCACTCTTAAACC
<i>V. louti</i>	-----GGTTTCTCGCGT <b>AAAACCCCCCAA-CCCC</b> CCACTCCTAAAGTT
<i>C. altivelis</i>	-----GGGGTTATGTTTCGT <b>TAAACCCCC--AAACCC</b> -----GAGATC
<i>E. areolatus</i>	-----GGGGTTTTTTTTCGT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATC
<i>T. dermopterus</i>	-----CGGAAGTTGTTCGT <b>AAAACCCCC--TACCCCC</b> CAAACCCCTGAGATC
<i>E. coioidus</i>	GGG-----GTTTCGTTCGT---T <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATC
<i>A. rogae</i>	CAG-----GTTTATCTCC--- <b>AAACCCCC--TACCCCC</b> TAAACTCCTAAGATC
<i>E. lanceolatus</i>	GGGTGTAAAA-TTTTTTCGTTTCGT <b>TAAACCCCC--TACCCCC</b> CAAACCCCTGAGAT
<i>E. trimaculatus</i>	-----GGGGTTTTTTCGT <b>TAAACCCCC--TACCCCC</b> TAAACCCCTGAGATC
<i>P. leopardus</i>	ATTCTTTGGGAGTTTCTTCGTAGAA <b>GGAACCCCC--TCCCC</b> -CACTCCTAAAATT
<i>P. areolatus</i>	ATTCAT--GGATCCCTTCGTAGAAG <b>GGAACCCCC--CCCC</b> CT-CACTCCTAAAATT
<i>E. octofasciatus</i>	AGATACCCCGGAATTTATTCG--T <b>TAAACCCCC--TACCCCC</b> TAAACTCGTGAATC
<i>E. septemfasciatus</i>	CGAATTTTTT-GAATTTTTTCG--T <b>TAAACCCCC--TACCCCC</b> TAAACTCCTGAGATC

\*\*\*\*\* \* \*

CSB-3

<i>E. bruneus</i>	CCTAACACCCC	<b>TGTA AACCCCCC --GGAAACA</b>	GGGTAAACCTCAAGTAATAG-----
<i>E. moara</i>	CCTAACACCCC	<b>TGTA AACCCCCC --GGAAACA</b>	GGGCTAAACCTCAAGTAATA-----
<i>C. sonnerati</i>	TCTAACATTC	<b>TGTA AACCCCCC --TGAAACA</b>	GG--AAAACCTCAAGCAATA-----G
<i>E. epistictus</i>	TCTAACACTCC	<b>TGCA AACCCCCC --GGAAACA</b>	GG--AAAACCTCAGGTAGTAA-----A
<i>E. fuscoguttatus</i>	CTTAACACCCC	<b>TGCA AACCCCCC --GAAACA</b>	GGAAATAGACCTCGAGTGGTGA-----A
<i>A. leucogrammicus</i>	CTTAACA-TCC	<b>TGTA AACCCCCC --GGAAACA</b>	GGACCAGATCTCGGTAATA-----A
<i>E. awoara</i>	CTTAACACTCC	<b>TGTA AACCCCCC --GGAAACA</b>	GG-AAGAATCCCAAGTAGT-----
<i>E. akaara</i>	CTTAACACTCC	<b>TGTA AACCCCCC --GGAAACA</b>	GG-AAGAATCCCAAGTAAT-----
<i>V. albimarginata</i>	TCTACTACTT-	<b>TTTATACCC--TT-AAAATA</b>	ATAACTAACCTAGGAAATAACCGCG
<i>V. louti</i>	ACTATTACTT-	<b>TTTAA-CCCC-TTAAAGACT</b>	GGG-CTAACCTAAGAAACGTCTCACA
<i>C. altivelis</i>	TCTAACACTCC	<b>TGCA AACCCCCC --GGAAACA</b>	GG-ATAAATCTCAAGTAATA-----G
<i>E. areolatus</i>	CTTAACACTCC	<b>TGTA AACCCCCC --GGAAACA</b>	GG-AAAGACCCCAAGTAGTTTCT---G
<i>T. dermopterus</i>	CTTAACACTCC	<b>TGTA AACCCCCCTCGAAACA</b>	GG--AAAACCTCAAGTCGCAAGC---C
<i>E. coioidus</i>	CTTAACAC-CC	<b>TGTA AACCCCCC --GGAAACA</b>	GGACTAAACCTCAAGTGGTA-----A
<i>A. rogae</i>	CTTATTATCCT	<b>TGTA AACCCCCC --GAAACA</b>	AGGGAAGAACCTCAACTAGTTCC---A
<i>E. lanceolatus</i>	CCTAACACTCC	<b>TGTA AACCCCCC --GGAAACA</b>	GGACTAAATCTCAAGTGGTA-----A
<i>E. trimaculatus</i>	CTTAACACTCC	<b>TGTA AACCCCCC --GGAAACA</b>	GG-AAGAATCCCAAGTAGTCTCT---
<i>P. leopardus</i>	TCTAAGACTT-	<b>TGACAAACCCC-AAAAACA</b>	G--AAAACCTCTAGTAGTAAG-----
<i>P. areolatus</i>	TCTAAGCCTC-	<b>TGACAGGCTTTC--TAAACA</b>	GG--AAATCCCCTAGTAACAC-----
<i>E. octofasciatus</i>	ATTAACAACCC	<b>TGTA AACCCCCC --GGAAACA</b>	GG--AAGACCTCAAATAATAAT-----
<i>E. septemfasciatus</i>	ACTAACACCCC	<b>TGTA AGCCCCC --GGAAACA</b>	GG--AAAACCTCAGATAGTAA-----

\*\*
\*
\*
\*
\*
\*

<i>E. bruneus</i>	ATTTTTAACCTAAAATGTG-TTTATTACACTAATGTAA-TTTTT--AATTTG-----
<i>E. moara</i>	GTTTTTAACCTAAAATGTG-TTTATTACACTAATGTAA-TTTTT--AATTTG-----
<i>C. sonnerati</i>	TCTATAGGCCCAAATGTGCTGATTTAAAATATTATAA-TATTA--AATTT-----
<i>E. epistictus</i>	CTTTTTAA-CCTAAAATGCG-TGTATTATATTATTATAG-TATTT--AATTT-----
<i>E. fuscoguttatus</i>	TTTTTAA-TCTAAAATACG-TTTATTACACTAATGTAA-TTTTTTAAATTT-----
<i>A. leucogrammicus</i>	TTTTTAA-TCTAAAATGCG-TTTATTACTAATGTAA-TTTTT--AATTT-----
<i>E. awoara</i>	TCAAAAAGTAAACTTACTAAATCAAAATGTGTTTATTA-TACT--AATGTAATCTTTAAT
<i>E. akaara</i>	TTAAAAATAAGATTATTGAATTAATAATGTGTTTATTA-TACT--AATGTAATCTTTAAT
<i>V. albimarginata</i>	TTTTT-AAGTAGACTCTTGCCCC-CCGTATTTGTAG-TATTGCAAACCTCGCTTTTTCC
<i>V. louti</i>	TTTCTCAAAAAGACTTTTGCCCTCCCATATTTGTAG-TATTGCAAACCTCACTTTCTCT
<i>C. altivelis</i>	TTTTTGACCTAAAATTTAATTTTTTACATTAATGTAA-AA-TATT--AATTT-----
<i>E. areolatus</i>	TAGCAACTTGTAATTTAAATTCGTTA-ATTATAATAA-TATAATTAATTT-----
<i>T. dermopterus</i>	TATTAACCT--AAAATACACCCCTTTATATTATTATAA-TGT--TTAAATT-----
<i>E. coioidus</i>	ATTCTTAGCCTAAAATACG-TCTATTACACTAATGTAA-TTTTTTAAATTT-----
<i>A. rogae</i>	ACCATAACCCAAAGATACA-CCTATTATATTATTATAA-TATTTCAACA-----
<i>E. lanceolatus</i>	ATTTTTAACTTAAAATGCG-TTTATTACATTAATGTAA-CTTTTTAATTT-----
<i>E. trimaculatus</i>	GTGATAAGCTTATATTATTTAAAGTGCAATAATACAC-TAATGTAATTTCTCAATTTT--
<i>P. leopardus</i>	CACGCAA---TTAAACCGTGAATTTACAATATTGCAAAATGTTTAAAAAAAATACCTCT
<i>P. areolatus</i>	CACGCAA---TTAAACCGATGTGTTTACATTATTACAAATATGTTTAAAAAACCTCT
<i>E. octofasciatus</i>	TTTTATTAGCCTAAAATGTGTTTCAATTTACATTATTATAA-TATTTAAATTT-----
<i>E. septemfasciatus</i>	TTTTATTAGCCCAAATGTGTTTCAATTTACATTATTATAA-TATTTAAATTT-----